

FEB 14 1997

Action Phoenix Area Director

Bureau of Indian Affairs Phoenix Area Waste Management Survey

Deputy Commissioner for Indian Affairs

We have reviewed the criteria associated with your request for a survey of funding needs at Bureau of Indian Affairs (BIA) past and present owned and/or operated facilities, and at sites wherein the BIA contributed materials to the waste stream. Funding needs for these conditions at Phoenix Area are described as follows: (1) federal facility design and operational improvements; and (2) assessment and/or cleanup of potential and existing contaminated sites.

BIA/Federal facilities where design improvements are necessary include: (1) the removal and disposal of underground petroleum storage tanks; (2) the upgrade and replacement of storage tank/container and containment systems; and (3) the upgrade and replacement of drinking water, wastewater, and solid waste collection systems. Replacement of systems is budgeted if the system is expected to be used for the foreseeable future. Replacement of systems are not mandated by statute, thus these activities are designated as "best management practices."

BIA/Federal facility activities where policy and operational improvements are necessary include: (1) management of waste systems (e.g. wastewater treatment plants and used oil generation and disposal); (2) storage tank operation; (3) spill response; and (4) property assessment and disposal. These conditions are remedied through additional policy development and implementation, and training.

Sites meeting the above waste management criteria which require assessment and/or cleanup include: (1) leaking underground and aboveground petroleum storage tank and systems; (2) overflow and discharge areas at wastewater treatment plants and maintenance facilities; (3) storage, mixing, handling, and discharge areas which involve the use of petroleum, tar, insecticides and herbicides; (4) solid waste facilities; and (5) structures for the presence of lead based paint, asbestos, and radon.

Budget projections for Fiscal Year (FY) 1997 and FY 1998, and FY 1999 and FY 2000 at federal facilities under Phoenix Area jurisdiction wherein BIA maintains liability for cleanup are estimated at \$3.4 million and \$6.8 million, respectively. The costs to "close" dump sites and landfills wherein BIA has contributed material to the waste stream are estimated at \$6.8 million. Please reference the enclosed attachments for further information.

These funding levels describe one-time assessment, restoration, and upgrade of sites and facilities in which the attached described deficiencies have been occurring since the beginning of BIA operation and maintenance programs. These activities are intended to: (1) cleanup sites and facilities such that the turnover of these sites to tribal jurisdiction will occur without the identification of "recognized environmental conditions"; and (2) provide petroleum and chemical management systems in accordance with "best management practices" that will minimize any negative effects to Indian trust resources.

As with any budget projection of this scope, cost estimates will change. Also, new identified sites and facilities may be added. Additionally, the attached surveys are not intended to fully budget Phoenix Area staffing and training needs to accomplish 40 CFR compliance.

If further explanation is required regarding site specific information or any other issues associated with this transmittal, contact John Krause, Phoenix Area Hazardous Waste Coordinator, at (602) 379-6750.

/s/ BARRY W. WELCH

Attachments

cc: Director, Office of Trust Responsibilities  
Attn: Chief, Environmental Services Staff (w/attachments)  
Area Facilities Management  
Attn: Chuck Thomas (w/attachments)  
Attn: Bhailal Patel (w/attachments)  
Facilities Management & Construction Center  
Attn: Bill Collier (w/attachments)  
Attn: Cliff Mahooty (w/attachments)  
Area Roads  
Attn: Vernon Palmer (w/attachments)  
Area Land Operations  
Attn: Mike Smith (w/attachments)

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File 4300.15 Phoenix Area Waste Management Survey